

Low Level Radioactive Waste (LLRW)

**Goddard Space Flight Center
Greenbelt, Maryland**

http://www.bmpcoe.org/bestpractices/internal/ioc/ioc_1.html

LLRW Disposal

■ 1980's

- Interagency Support Agreement
- US Army Field Support Command (AFSC), Rock Island, IL
 - DoD Executive Agency for
 - Disposal
 - Control
 - Guidance
 - Records
 - Reporting

LLRW Disposal

- **DoD = 10% of all U.S. Waste (1980's)**
- **Examples of Waste**
 - Gauges
 - Medical
 - Night Vision Devices
 - Chemical Detection Instruments
 - Engine/Missile Components
 - Watches – Compasses
 - Contaminated Soils
 - Exit Signs and Smoke Detectors

LLRW Disposal

■ Early 1990s

- GAO Investigates DOD Waste Management Practices
 - DoD LLRW Program
 - Development of Uniform Policies/Procedures
 - One DoD-wide Inventory
 - Work with state compacts & Federal regulators

LLRW Disposal

■ September 1992

- Army designated as Executive Agent for LLRW
- AFSC Radioactive Waste Disposal Division
 - Aggressive Disposal Program
 - Advised to Follow GAO Recommendations

LLRW Disposal

■ GAO Recommendations

- Consolidation of Facilities
- Disposal Basic Ordering Agreements (BOAs)
- 8A Contracting
- Qualified Bidders List (QBL)
- Combined Shipments
- Permit Initiatives
- Support for Other Government Agencies

LLRW Disposal

■ AFSC

Radioactive Waste Disposal Division

- 20 Employees
- 143 Sites
- Avoid duplication of effort
- One voice to regulators
- Responsiveness increase
- Lowered Cost
- Eliminated many violations/penalties

LLRW Disposal

- **GAO Recommendations Exceeded**
- **Customer Satisfaction Rate**
 - 3.8 (Scale of 0 to 4)
- **Goddard has \$\$ Account**
 - Maintains Funds for Disposal
 - Army Coordinates Pickups
 - Schedules Broker/Transportation
 - "East Coast Run"

LLRW Disposal

■ GSFC Satisfaction Rate

- 4.0 – Extremely Satisfied
- Preplanning is excellent
- Pre-Screen all materials via email correspondence
- Keep to a tight Schedule
 - Usually completed in 1 day
- Waste Manifests and Transport Forms
- Never had a problem at the disposal site